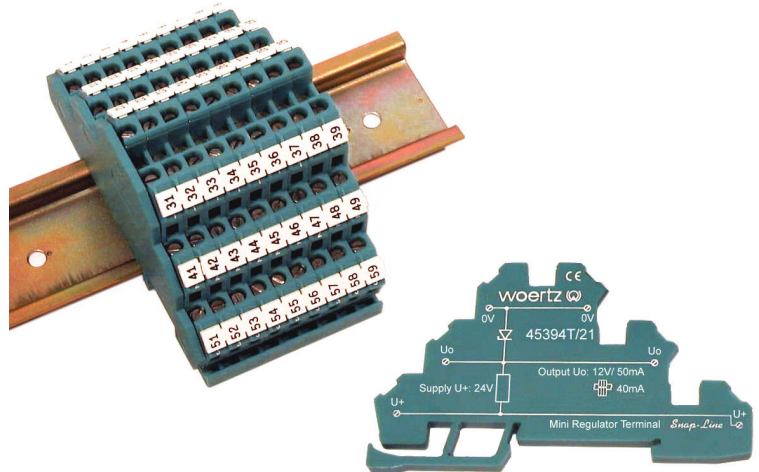


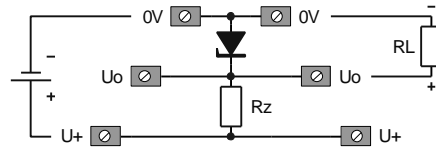
Features

- Low power shunt regulator in 5.08mm Snap-Line housing
- Short circuit proof for 10s
- Up to three terminals can be connected in parallel to increase output current
- Available for the most common industrial voltages. Other voltages on request



Accessories

- 30407T End barrier
- 30403 Compatible 3-level terminal
- 30413RO Cross connection 20-pole red
- 30413BL Cross connection 20-pole blue
- 30790 Cross connection 10-pole grey
- 30409/x Cross connection with screws
x = 2, 3, 4, 5, 10 poles
- 30411, 12 Isolation strip red, blue
- 80247, 48 Test plug red, black
- 30455/55xx Labels for custom use RB5x5



Technical data (Ta = 25°C)

Regulator part

Maximum input voltage
 Output voltage tolerance
 Maximum output current at rated input voltage U_N

$U_N + 10\%$
 $\pm 5\%$
 see table below

General data

Maximum current (0V/0V or U+/U+)
 Temperature range
 Nominal cross section of connecting terminals
 Maximum torque
 Size L x W x H (from rail)

10A
 -55°C to $+45^\circ\text{C}$
 2.5mm^2 (AWG24-14)
 0.4Nm
 5.08 x 86.5 x 44mm

Order numbers

| | | | |
|----------------|------------------------|--|------------------|
| U_N : 12 VDC | U_O : 5.1 VDC/ 80mA | ($R_z = 82\Omega$, $R_{L\text{-min}} = 65\Omega$) | 45394T/17 |
| U_N : 24 VDC | U_O : 5.1 VDC/ 35mA | ($R_z = 470\Omega$, $R_{L\text{-min}} = 145\Omega$) | 45394T/27 |
| U_N : 24 VDC | U_O : 12.0 VDC/ 40mA | ($R_z = 270\Omega$, $R_{L\text{-min}} = 300\Omega$) | 45394T/21 |
| U_N : 48 VDC | U_O : 5.1 VDC/ 15mA | ($R_z = 2.2\text{k}\Omega$, $R_{L\text{-min}} = 330\Omega$) | 45394T/37 |
| U_N : 48 VDC | U_O : 12.0 VDC/ 20mA | ($R_z = 1.5\text{k}\Omega$, $R_{L\text{-min}} = 600\Omega$) | 45394T/31 |
| U_N : 48 VDC | U_O : 24.0 VDC/ 20mA | ($R_z = 1.0\text{k}\Omega$, $R_{L\text{-min}} = 1.2\text{k}\Omega$) | 45394T/32 |